

Pearson 0134806360

Pearson Human Anatomy & Physiology Laboratory Manual, Fetal Pig Version (13th Edition)

Instruction Manual

1. INTRODUCTION

This manual serves as a comprehensive guide for students utilizing the **Human Anatomy & Physiology Laboratory Manual, Fetal Pig Version, 13th Edition**. It is designed to support learning in healthcare programs by providing a wide array of experiments focused on the structure and function of the human body. This edition integrates updated content, full-color figures, and revised clinical application and critical thinking questions to enhance the laboratory experience.

The exercises within this manual are structured to complement any Anatomy & Physiology textbook, though it specifically utilizes artwork from Marieb/Hoehn's Human Anatomy & Physiology text. The Fetal Pig Version includes dedicated dissection exercises for the fetal pig.

2. PRODUCT OVERVIEW

The **Human Anatomy & Physiology Laboratory Manual** is a spiral-bound resource (ISBN-10: 0134806360, ISBN-13: 978-0134806365) published by Pearson. It is the 13th Edition, released on January 2, 2018, and contains 992 pages of detailed laboratory content.

Key Features:

- Wide variety of experiments for healthcare programs.
- Focus on human body structure and function.
- Integration of artwork from Marieb/Hoehn's Human Anatomy & Physiology text.
- Specific fetal pig dissection exercises in this version.
- New, full-color figures and photographs.
- Revamped clinical application and critical thinking questions.

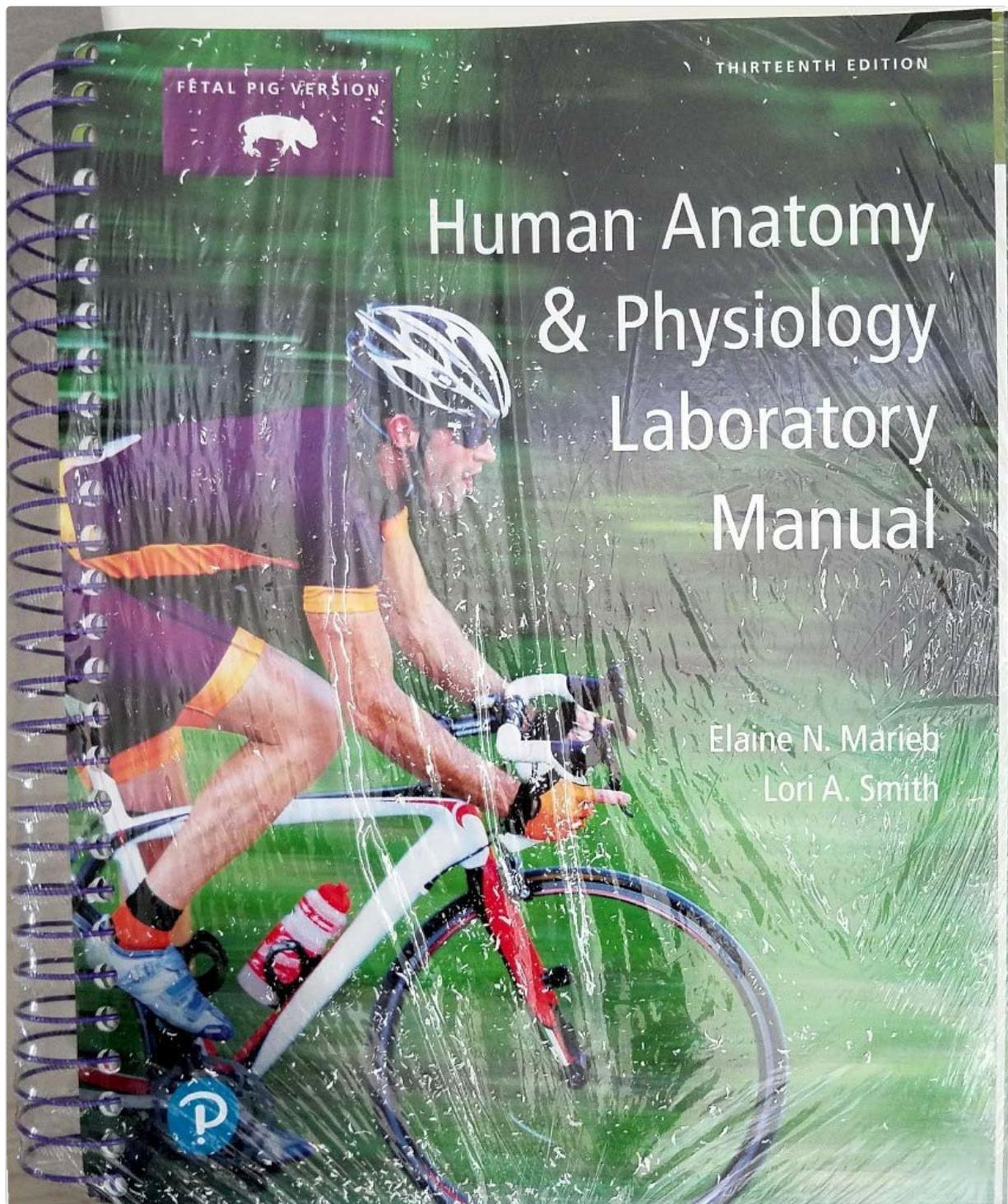


Figure 1: Front cover of the Human Anatomy & Physiology Laboratory Manual, Fetal Pig Version. The cover features a cyclist and the title of the manual.

3. USAGE GUIDELINES

To maximize your learning experience with this laboratory manual, consider the following guidelines:

- **Preparation:** Read through each exercise thoroughly before coming to the lab. Understand the objectives and procedures.
- **Active Participation:** Engage actively in all laboratory activities and discussions.
- **Observation and Documentation:** Carefully observe all specimens and experimental results. Document your findings accurately in the provided spaces or a separate notebook.
- **Critical Thinking:** Utilize the clinical application and critical thinking questions to deepen your understanding of the concepts.

- **Resource Integration:** Refer to your primary Human Anatomy & Physiology textbook for additional context and information as needed.

Make the most of your time *inside and outside* the lab.

This best-selling lab manual works hand-in-hand with Mastering A&P, the leading online homework and learning program for science. This edition features dozens of new, full-color figures and photos, streamlined Clinical Application questions, an expanded set of pre-lab videos, dissection videos, and more.

Use your mobile device to study on the go.

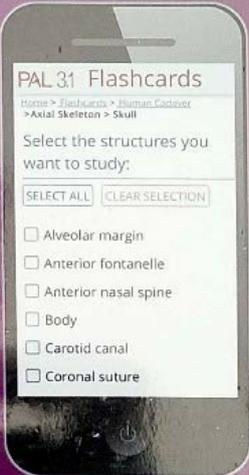
Mastering A&P with Pearson eText provides a wide range of animations, videos, practice quizzes, and lab study tools including new, assignable Building Vocabulary, coaching activities, new PAL 3.1 Customizable Flashcards, and a mobile-friendly eText version of your lab manual. Don't go online and search; you already have everything you need at www.pearson.com/mastering/aandp!



Which bone is highlighted?
Skull, anterior view
flip
5 of 10

NEW with Mastering A&P!
PAL 3.1 Customizable Flashcards allow you to create a customized, mobile-friendly deck of flashcards and quizzes based on images from Practice Anatomy Lab (PAL).

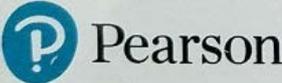
Use the checklist to select only those structures covered in your course.



PAL 3.1 Flashcards
Home > Flashcards > Human Cadaver > Axial Skeleton > Skull
Select the structures you want to study:
SELECT ALL CLEAR SELECTION

- Alveolar margin
- Anterior fontanelle
- Anterior nasal spine
- Body
- Carotid canal
- Coronal suture

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Figure 2: An open view of the laboratory manual, displaying the layout of an exercise with text and diagrams. This image illustrates the typical content structure within the manual.

4. LABORATORY SAFETY GUIDELINES

Adherence to laboratory safety protocols is crucial for a safe and effective learning environment. Always follow your instructor's specific safety instructions. General guidelines include:

- Wear appropriate personal protective equipment (PPE), such as lab coats, gloves, and eye protection, as required.
- Handle all specimens and chemicals with care. Follow proper disposal procedures for all waste materials.
- Report any spills, accidents, or injuries to your instructor immediately.

- Do not eat, drink, or apply cosmetics in the laboratory.
- Wash hands thoroughly before leaving the laboratory.

5. THE METRIC SYSTEM

Understanding the metric system is fundamental in scientific studies, including anatomy and physiology. This manual uses metric units for measurements. Below is a summary of common metric units and their conversions:

Measurement	Unit and Abbreviation	Metric Equivalents
Length	Meter (m)	1 m = 100 cm = 1000 mm
Mass	Gram (g)	1 g = 1000 mg = 0.001 kg
Volume	Liter (L)	1 L = 1000 mL = 1000 cm ³

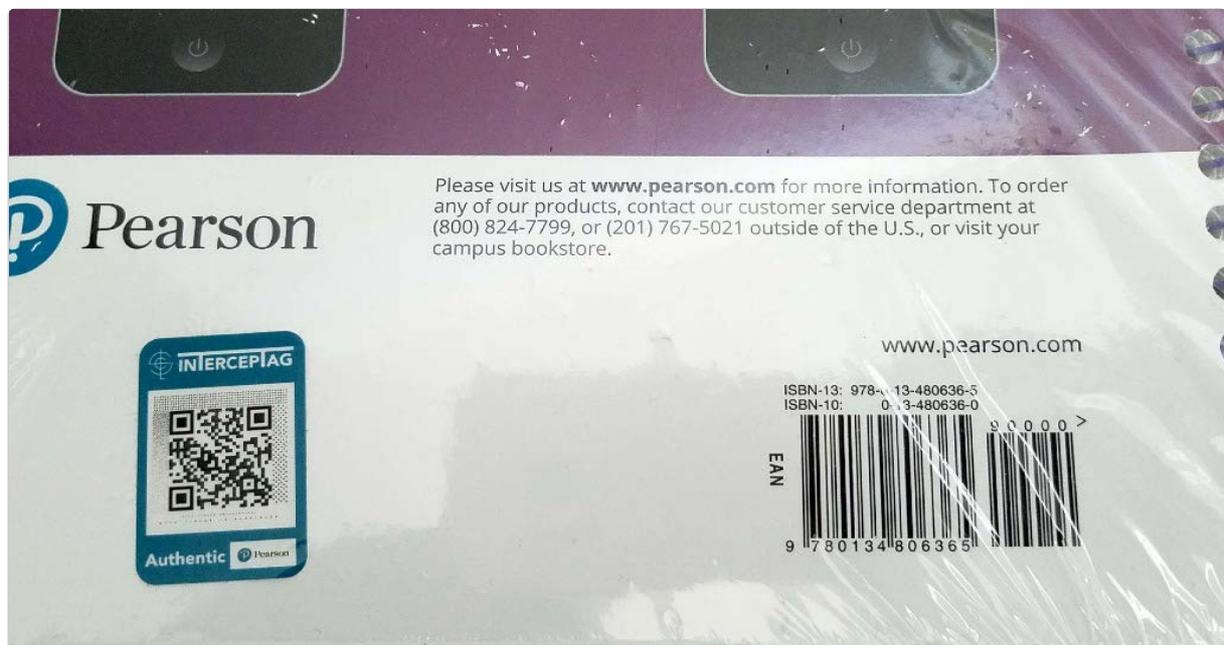


Figure 3: A page from the manual illustrating a table of metric system units and their conversions, essential for laboratory measurements.

6. SPECIFICATIONS

- **Publisher:** Pearson
- **Publication Date:** January 2, 2018
- **Edition:** 13th
- **Language:** English
- **Print Length:** 992 pages
- **ISBN-10:** 0134806360
- **ISBN-13:** 978-0134806365
- **Item Weight:** 4.32 pounds
- **Dimensions:** 1.2 x 9.4 x 10.9 inches
- **Format:** Spiral-bound

7. ADDITIONAL RESOURCES AND SUPPORT

For further information, support, or to explore other Pearson products, please visit the official Pearson website or contact their customer service department.

- **Pearson Website:** www.pearson.com
- **Customer Service (U.S.):** (800) 824-7799
- **Customer Service (Outside U.S.):** (201) 767-5021
- **Online Learning Platform:** This manual is designed to work hand-in-hand with Mastering A&P. For access to online homework, full-color figures, videos, and eText, visit www.pearson.com/aandp.

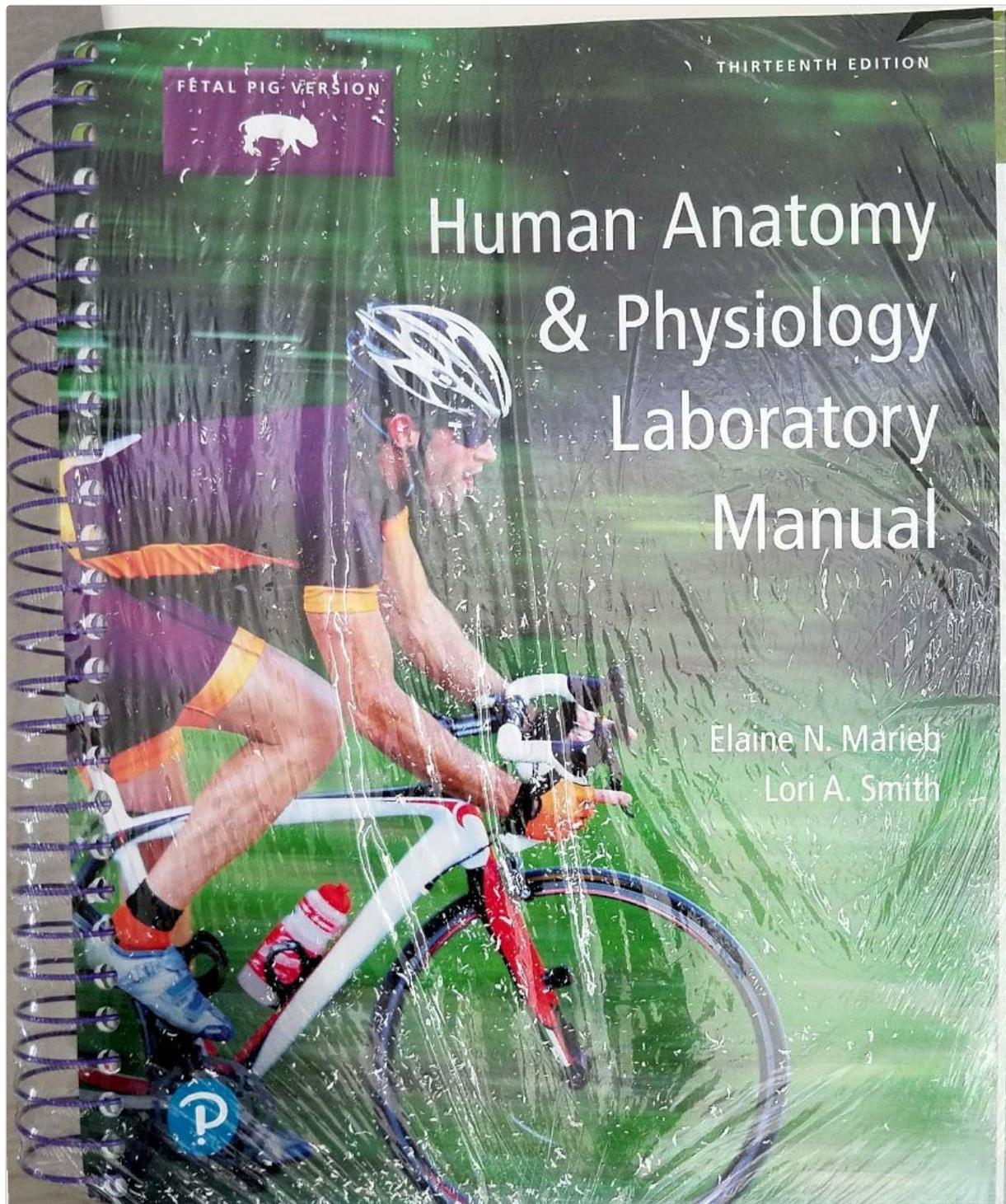


Figure 4: The back cover of the manual, featuring the Pearson logo, contact information, and details about the Mastering A&P online platform.

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This manual is for informational purposes only. Always follow your instructor's guidance and laboratory safety protocols.